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# ***EIIS Incident Report***

## ***Part A: General Information***

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Incident ID  
**I027404-001**

County: Fresno

Incident Date: 2/4/2015 through

Year: 2015

State: CA

Total Number:

Case #: 11-FRE-15

Country: USA

Total Magnitude: 840 bee hives

Weather:

**Incident Type**

☐ Aqua. Animal    ☒ Terr. Animal    ☐ Field Study  
☐ Aqua. Plant    ☐ Terr. Plant

Created: 3/3/2015

Updated: #####

**Abstract:**

On February 4, 2015, 3:00pm, an apiary owner submitted a Report of Loss, Nonperformance or Damage to the Fresno County Agricultural Commissioner's office (CAC) in the amount of \$420,000. On February 4, 2015, 10:00 am, an aerofan application of Warhawk and PHT Oil was made to a dormant almond orchard that was adjacent to the beekeepers 840 bee hives. The apiary owner reported that he observed multiple aerofans making the application while the bees were foraging in the flowering weeds located in the orchard floor. The apiary owner is registered with Fresno County CAC and signed a request for notification. The applicator did not request a bee check from the Fresno CAC's office prior to making the application. Fresno CAC staff collected dead bees samples and hive swab samples. Fresno CAC is continuing to investigate the incident.

**Reports**

Package #	Incident #	Source	Report Date
027404	001	California Dept. of Pesticide Regulation Enforceme	2/5/2015
027431	022	USEPA Region 9	2/17/2015
027433	001	Cal Dept. of Pesticide Regulation Enforcement Bran	2/19/2015

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# ***ELIS Incident Report***

## ***Part B: Pesticide Information***

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**1027404-001**

**County:** Fresno

**State:** CA

**Date:** 2/4/2015

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**Pesticide:** Chlorpyrifos (059101)

**Type:** I

**Use Site:**

**Product:** Warhawk

**Appl. Method:**

**Appl. Rate:**

**Formulation:**

**Air/Ground:**

**Legality:** Undetermined

**Certainty:** Highly Probable

Chlorpyrifos was allegedly applied to an almond orchard near a bee yard. Chlorpyrifos is highly toxic to honeybees.

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# ***ELIS Incident Report***

## ***Part C: Species Information***

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**I027404-001**

**County:** Fresno

**State:** CA

**Date:** 2/4/2015

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**1**

**Species:** Honey bee  
**Sci. Name:** Apis mellifera  
**Taxon:** Insect  
**Age:**

**Response:** Mortality  
**Magnitude:** 840 bee hives  
**Habitat:** Agricultural area  
**Distance:** Vicinity  
**Rt. of Exposure:** N/R

### **Necropsy**

**Number:**  
**Condition:**

### **Cholinesterase**

**Number:**  
**Activity:** um/g/min  
Percent of Normal

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### **Tissue Residues**

<b>Sample Type</b>	<b>PC Code</b>	<b>Pesticide</b>	<b>N</b>	<b>Conc. (ppm)</b>
Tissue	059101	Chlorpyrifos	1	-

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# ***EIIS Incident Report***

## ***Part D: Environmental Measurements***

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County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations  
in ppb

Water  
Soil  
Sediment  
Foliage

Min. Max. N LOD

Other Samples

Description

Concentration

N

LOD

Dissolved Oxygen (ppm)

to

pH

to